

AMENDMENTS TO THE CLAIMS:

Please cancel claims 5, 8, 14 and 20 without prejudice or disclaimer, and amend claims 1, 9 and 15 by way of replacement, as follows:

1. (Currently amended) An electrical connector comprising:
 - a first body part;
 - a second body part configured to resiliently mate with said first body part;
 - said first and second body parts configured to receive insulated conductors therebetween; and
 - apertures formed in said first body part in a direction orthogonal to said insulated conductors, said apertures configured to receive contacts;
 - said apertures staggered in a ~~longitudinal~~ longitudinal direction relative to said insulated conductors so as to be separated by a first distance equal to a spacing between leads of a light source, where said spacing is greater than a second distance defined laterally between adjacent said insulated conductors;
 - wherein said contacts are configured to penetrate an insulation layer of said insulated conductors when said contacts are inserted into said apertures; and
 - wherein said contacts are at least partially hollow, each of said contacts having a central aperture therein configured to receive one of said leads of said light source within said aperture and laterally surrounded by said aperture.
2. (Original) The electrical connector according to claim 1, further comprising:

a first group of channels formed in said first body part and configured to receive said conductors; and

a second group of channels formed in said second body part and configured to receive said conductors and to oppose said first group of channels.

3. (Original) The electrical connector according to claim 2, wherein:
said first and second groups of channels each consist of a pair of channels.
4. (Previously presented) The electrical connector according to claim 3, wherein:
said light source is a light emitting diode.
5. (Cancelled).
6. (Previously presented) The electrical connector according to claim 1, wherein:
said light source is a light emitting diode.
- 7-8. (Cancelled).
9. (Currently amended) An assembly for connecting a plurality of light emitting devices in parallel, said assembly comprising:
an electrical supply bus, said bus comprising a pair of insulated electrical conductors;
a plurality of electrical connectors configured to be resiliently attached to said bus;

said connectors each comprising first and second body parts configured to be resiliently fastened together;

said first body part provided with apertures in a direction orthogonal to said pair of insulated conductors to receive a pair of contacts;

said apertures staggered in a ~~longitudinal~~ longitudinal direction relative to said insulated conductors so as to be separated by a first distance equal to a spacing between leads of said light emitting devices, where said spacing is greater than a second distance defined laterally between said pair of insulated conductors;

said pair of contacts configured to penetrate an insulation layer of said insulated electrical conductors, said contacts configured to receive leads of said light emitting devices;

wherein said contacts are at least partially hollow, each of said contacts having a central aperture therein configured to receive one of said leads of said light source within said aperture and laterally surrounded by said aperture.

10-11. (Cancelled)

12. (Previously presented) The assembly according to claim 9, wherein:

said light emitting devices are light emitting diodes.

13. (Original) The assembly according to claim 9, wherein:

said pair of insulated conductors are conjoined mechanically along at least part of a length of said conductors.

14. (Cancelled).

15. (Currently amended) A method of connecting a plurality of light emitting devices in parallel, said method comprising the steps of:
- providing an electrical supply bus, said bus comprising a pair of insulated electrical conductors;
 - attaching a plurality of electrical connectors to said bus;
 - providing first and second parts of said connectors;
 - resiliently fastening together said first and said second body parts of said connectors,
 - providing in each said first body part an aperture in a direction orthogonal to each of said pair of insulated conductors to receive an electrical contact;
 - said apertures staggered in a ~~longitudinal~~ longitudinal direction relative to said insulated conductors so as to be separated by a first distance equal to a spacing between leads of said light emitting devices, where said spacing is greater than a second distance defined laterally between said pair of insulated conductors;
 - penetrating an insulation layer of each said insulated electrical conductor with said electrical contact, and
 - connecting leads of said light emitting devices to each said contact;
 - said step of connecting said leads further comprising inserting each said lead into a central aperture within each said contact, such that each said lead is laterally surrounded by each said central aperture.

16-17. (Cancelled)

18. (Previously presented) The method according to claim 15, wherein:

said light emitting devices are light emitting diodes.

19. (Original) The method according to claim 15, wherein:

said pair of insulated conductors are conjoined mechanically along at least part of
a length of said conductors.

20. (Cancelled).